

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2002299137
PUBLICATION DATE : 11-10-02

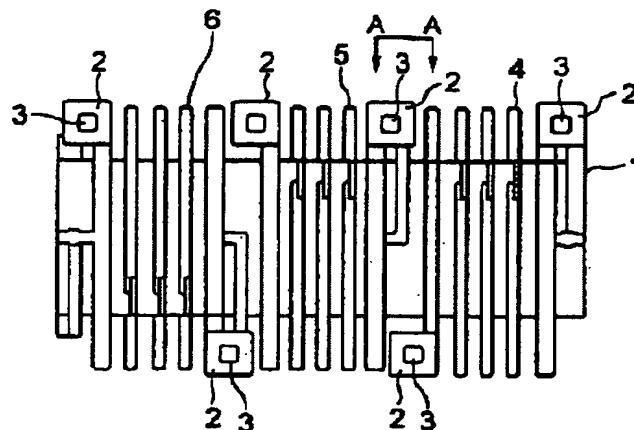
APPLICATION DATE : 30-03-01
APPLICATION NUMBER : 2001100117

APPLICANT : NGK SPARK PLUG CO LTD;

INVENTOR : IIDA TOSHIKI;

INT.CL. : H01F 38/12 F23Q 3/00

TITLE : STEP-UP TRANSFORMER IN
HIGH-VOLTAGE GENERATOR FOR
BURNER IGNITION



ABSTRACT : **PROBLEM TO BE SOLVED:** To provide a step-up transformer, in a high-voltage generator for burner ignition, in which excess extension parts are not generated in both end parts of respective windings wound on connecting pins erected and planted in respective bobbin parts, when the step-up transformer is assembled.

SOLUTION: The step-up transformer is built in the high-voltage generator for burner ignition, steps up a voltage applied to the primary side via an ignition control circuit from a power-supply terminal, and generates a high voltage on the secondary side. The respective connecting pins are erected and planted in a plurality of bobbin parts, on which the primary-side winding and the secondary-side winding of the step-up transformer are wound, and they connect both end parts of the respective windings so as to be wound. The connecting pins are constituted of pins whose cross section is a square shape.

COPYRIGHT: (C)2002,JPO

BEST AVAILABLE COPY